

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**POWER OF ATTORNEY**  
**(Statement Under 37 C.F.R. § 3.73(b))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

BALLARD SPAHR ANDREWS  
& INGERSOLL, LLP  
Customer Number 23859

Sir:

Global Tungsten & Powers Corp., is the owner of the entire right, title, and interest in the patent applications and granted patents listed in Appendix A, as evidenced in the assignment records of the United States Patent and Trademark Office, specifically in the assignment of patent rights from Osram Sylvania Inc. (“Osram”) to Global Tungsten, LLC (“GTLLC”), as recorded at Reel 021744, Frame 0231; the subsequent assignment by Osram of all right, title, and interest in GTLLC to Global Tungsten & Powders Corp. (“GTP”), as recorded at Reel 021744, Frame 0744; and in the Certificate of Merger between GTLLC and GTP, as recorded at Reel 021763, Frame 0241.

As a representative authorized to act on behalf of the Assignee(s), I/we hereby revoke all Powers of Attorney heretofore given and grant Power of Attorney to the attorneys/agents associated with the following Customer Number:

**Customer No. 23859**

to represent Assignee(s) in connection with all matters pertaining to the above-referenced application, with full power of substitution, association and revocation, to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Power of Attorney  
Global Tungsten & Powders Corp.  
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Address all correspondence to the address of record for Customer Number:

**Customer No. 23859**

Global Tungsten & Powders Corp.

By: Robert J. Fillnow  
Name: Robert J. Fillnow  
Title: President & CEO  
Date: November 24, 2008

## Appendix A

### List of Pending Patent Applications and Granted Patents for Power of Attorney by Global Tungsten & Powders Corp.

Attorney	Docket Number	Application Serial No.	Application Filing Date	Patent Number	Patent Grant Date
	07194.0001U3	07/788766	10/21/1991	5244750	9/14/1993
	07194.0002U1	07/262633	10/26/1988	4999169	3/12/1991
	07194.0006U2	07/462922	1/11/1990	5009808	4/23/1991
	07194.0009U3	07/704681	5/17/1991	5124091	6/23/1992
	07194.0010U1	07/293030	1/3/1989	4990195	2/5/1991
	07194.0011U1	07/293031	1/3/1989	5145512	9/8/1992
	07194.0012U1	07/303599	1/27/1989	4925593	5/15/1990
	07194.0013U1	07/362721	6/7/1989	4929386	5/29/1990
	07194.0014U1	07/362717	6/7/1989	4929384	5/29/1990
	07194.0015U3	07/790120	11/12/1991	5173108	12/22/1992
	07194.0016U1	07/308507	2/10/1989	4983354	1/8/1991
	07194.0017U1	07/384199	7/24/1989	4886638	12/12/1989
	07194.0018U1	07/416199	10/2/1989	4925702	5/15/1990
	07194.0019U1	07/311261	2/16/1989	4933152	6/12/1990
	07194.0020U1	07/341887	4/24/1989	4925594	5/15/1990
	07194.0021U1	07/405707	9/11/1989	4902471	2/20/1990
	07194.0022U1	07/405708	9/11/1989	4965116	10/23/1990
	07194.0023U1	07/504476	4/4/1990	4966710	10/30/1990
	07194.0024U1	07/459504	1/2/1990	5231123	7/27/1993
	07194.0025U1	07/599527	10/18/1990	5137665	8/11/1992
	07194.0026U1	08/936445	9/24/1997	5958295	9/28/1999
	07194.0027U1	07/459891	1/2/1990	4970024	11/13/1990
	07194.0027U2	07/563133	8/6/1990	5009807	4/23/1991
	07194.0028U1	07/481550	2/20/1990	4938890	7/3/1990
	07194.0029U1	07/579518	9/10/1990	5007957	4/16/1991
	07194.0030U1	07/579519	9/10/1990	5045277	9/3/1991
	07194.0031U1	07/527456	5/23/1990	5063021	11/5/1991
	07194.0032U1	07/600376	10/19/1990	5064462	11/12/1991
	07194.0033U1	08/271569	5/26/1992	5932184	8/3/1999
	07194.0034U1	07/616976	11/20/1990	5244156	9/14/1993
	07194.0035U1	07/811274	12/20/1991	5185030	2/9/1993
	07194.0036U1	07/695837	5/6/1991	5273726	12/28/1993
	07194.0037U1	07/678515	4/1/1991	5110499	5/5/1992
	07194.0038U1	07/710851	6/6/1991	5126104	6/30/1992
	07194.0039U1	07/968902	10/30/1992	5271911	12/21/1993

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	07194.0040U1	07/999634	12/31/1992	5269966	12/14/1993
	07194.0041U1	07/999241	12/31/1992	5273774	12/28/1993
	07194.0041U2	08/135044	10/12/1993	5309071	5/3/1994
	07194.0042U1	08/547183	10/24/1995	5582768	12/10/1996
	07194.0043U1	07/999243	12/31/1992	5294368	3/15/1994
	07194.0043U2	08/198333	2/18/1994	5431851	7/11/1995
	07194.0044U1	07/976734	11/16/1992	5376329	12/27/1994
	07194.0046U1	08/092727	7/16/1993	5439638	8/8/1995
	07194.0046U2	08/502203	7/13/1995	5897962	4/27/1999
	07194.0047U1	08/012095	2/1/1993	5306441	4/26/1994
	07194.0048U1	08/359803	12/20/1994	5578285	11/26/1996
	07194.0049U1	08/390732	2/17/1995	5690716	11/25/1997
	07194.0049U2	08/628222	4/4/1996	5603076	2/11/1997
	07194.0050U1	08/297476	8/29/1994	5734960	3/31/1998
	07194.0051U1	08/362024	12/22/1994	5468457	11/21/1995
	07194.0052U1	08/361415	12/22/1994	5470549	11/28/1995
	07194.0053U1	08/538559	10/3/1995	5641580	6/24/1997
	07194.0053U2	08/865952	5/30/1997	6376103	4/23/2002
	07194.0054U1	08/565334	11/30/1995	5635146	6/3/1997
	07194.0055U1	08/559903	11/17/1995	6103392	8/15/2000
	07194.0056U1	08/637023	4/24/1996	5711898	1/27/1998
	07194.0057U1	08/637146	4/24/1996	5702643	12/30/1997
	07194.0058U1	08/628213	4/4/1996	5643496	7/1/1997
	07194.0059U1	08/735769	10/23/1996	5716546	2/10/1998
	07194.0060U1	08/646780	5/21/1996	5609792	3/11/1997
	07194.0061U1	08/646781	5/21/1996	5616285	4/1/1997
	07194.0062U1	08/866876	5/30/1997	5819158	10/6/1998
	07194.0063U1	08/936662	9/24/1997	5879588	3/9/1999
	07194.0064U1	08/936456	9/24/1997	5879587	3/9/1999
	07194.0065U1	08/904496	8/1/1997	5762827	6/9/1998
	07194.0066U1	08/928369	9/12/1997	6010676	1/4/2000
	07194.0067U1	08/916381	8/22/1997	5806206	9/15/1998
	07194.0068U1	08/784159	1/15/1997	5956560	9/21/1999
	07194.0069U1	08/935654	9/23/1997	5900188	5/4/1999
	07194.0070U1	09/203145	12/1/1998	6090311	7/18/2000
	07194.0071U1	09/215481	12/18/1998	6113808	9/5/2000
	07194.0072U2	09/175787	10/20/1998	6064150	5/16/2000
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	07194.0074U1	09/027837	2/23/1998	5996393	12/7/1999
	07194.0075U1	09/064485	4/22/1998	6103296	8/15/2000
	07194.0076U1	09/046706	3/24/1998	6022395	2/8/2000
	07194.0077U1	09/247745	2/9/1999	6051196	4/18/2000
	07194.0078U3	09/690222	10/17/2000	6686043	2/3/2004
	07194.0079U2	09/243674	2/2/1999	6361864	3/26/2002
	07194.0080U1	09/150916	9/10/1998	5938974	8/17/1999
	07194.0081U1	09/384598	8/27/1999	6245260	6/12/2001
	07194.0082U1	09/390201	9/7/1999	6165412	12/26/2000
	07194.0083U1	09/327029	6/7/1999	6214257	4/10/2001
	07194.0084U1	09/391121	9/7/1999	6129890	10/10/2000
	07194.0085U2	09/652175	8/31/2000	6375708	4/23/2002
	07194.0086U2	10/110982	11/15/2000	6849297	2/1/2005
	07194.0087U1	09/630400	8/2/2000	6387299	5/14/2002
	07194.0088U1	09/609525	7/3/2000	6395196	5/28/2002
	07194.0089U2	09/910156	6/20/2001	6623807	9/23/2003
	07194.0090U2	09/945534	9/1/2001	6555021	4/29/2003
	07194.0091U1	09/652517	8/31/2000	6383459	5/7/2002
	07194.0092U2	09/963964	9/26/2001	6733826	5/11/2004
	07194.0092U3	10/767245	1/29/2004	6918963	7/19/2005
	07194.0093U2	09/804876	3/13/2001	7122069	10/17/2006
	07194.0093U3	10/247890	9/20/2002	7045113	5/16/2006
	07194.0094U1	09/652485	8/31/2000	6737035	5/18/2004
	07194.0094U2	09/964788	9/27/2001	6596051	7/22/2003
	07194.0095U1	09/911114	7/23/2001	6610217	8/26/2003
	07194.0096U1	09/965444	9/27/2001	6656870	12/2/2003
	07194.0096U2	10/631302	7/31/2003	7060648	6/13/2006
	07194.0097U1	09/675771	9/29/2000	6696184	2/24/2004
	07194.0097U2	09/966047	9/28/2001	6551569	4/22/2003
	07194.0098U1	10/115645	4/3/2002	7001665	2/21/2006
	07194.0099U3	11/208283	8/19/2005	7014793	5/21/2006
	07194.0100U1	10/171737	6/14/2002	6702959	3/9/2004
	07194.0101U1	10/526480	9/4/2003		
	07194.0102U1	10/207503	7/29/2002	6793907	9/21/2004
	07194.0102U2	10/931910	9/1/2004	7300492	11/27/2007
	07194.0103U1	10/189620	7/3/2002	6780219	8/24/2004
	07194.0104U1	10/160751	5/31/2002	6830637	12/14/2004
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<b>Attorney</b>	<b>Docket Number</b>	<b>Application Serial No.</b>	<b>Application Filing Date</b>	<b>Patent Number</b>	<b>Patent Grant Date</b>
	07194.0106U3	10/639542	8/12/2003	6960556	11/1/2005
	07194.0107U1	10/709219	10/28/2004	7182925	2/27/2007
	07194.0108U1	10/367036	2/14/2003	6770221	8/3/2004
	07194.0109U1	10/389321	3/14/2003	6981996	1/3/2006
	07194.0110U1	10/760667	1/20/2004	7041151	5/9/2006
	07194.0111U2	10/550465	3/25/2004		
	07194.0112U1	10/711634	9/29/2004	7157845	1/2/2007
	07194.0113U1	10/711682	9/30/2004		
	07194.0114U2	11/163073	10/4/2005		
	07194.0115U1	10/905321	12/28/2004	7261838	8/28/2007
	07194.0116U1	11/163925	11/3/2005		
	07194.0117U1	11/164153	11/11/2005		
	07194.0118U1	10/907358	3/30/2005	7288216	10/30/2007
	07194.0119U1	10/907360	3/30/2005	7291291	11/6/2007
	07194.0120U2	11/306704	1/9/2006		
	07194.0121U2	11/306705	1/9/2006		
	07194.0122U2	11/306706	1/9/2006		
	07194.0123U1	11/160539	6/28/2005	7244317	7/17/2007
	07194.0124U2	11/622633	1/12/2007		
	07194.0125U2	11/622523	1/12/2007		
	07194.0126U1	11/462053	8/3/2006		
	07194.0127U1	12/036507	2/25/2008		
	07194.0128U1	61/031709	2/27/2008		
	07194.0129U1	61/031515	2/26/2008		
	07194.0130U1	61/036179	3/13/2008		
	07194.0131U1	61/036118	3/13/2008		
	07194.0132U1	08/935645	9/23/1997	5783106	7/21/1998